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<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(b), 1.97(c), or 1.97(d)</b>		<b>Attny. Docket No. 2002B181B</b>	
<b>In Re Application of: Jin et al.</b>			
<b>U.S. Serial No. 10/693,786</b>	<b>Filing Date October 24, 2003</b>	<b>Examiner Unassigned</b>	<b>Group Art Unit 1755</b>



Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR § 1.97(b)**

- ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

**37 CFR § 1.97(c)**

- ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); after three months of the date of entry of the national stage as set forth in § 1.491 in an international application; after the mailing of a first Office Action on the merits; or after the mailing of a first Office Action after the filing of a request for continued examination under § 1.114, but before the mailing date of:

1. a Final Action under § 1.113,
2. a Notice of Allowance under § 1.311, or
3. an action that otherwise closes prosecution in the application,

and is accompanied by either:

- ☐ the fee as set forth in § 1.17(p), or
- ☐ the following statement under § 1.97(e)(1): each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

**37 CFR § 1.97(d)**

- ☐ The Information Disclosure Statement submitted herewith is being filed after a Final Action under § 1.113, a Notice of Allowance under § 1.311, or an action that otherwise closes prosecution in the application, but before, or simultaneously with, the payment of the issue fee. Submitted herewith is the fee as set forth in § 1.17(p) and the following statement under 37 CFR § 1.97(e)(1): each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

Applicant hereby request consideration of the Information Disclosure Statement, USPTO form 1449, submitted herewith.

☒ Legible copies of the references are enclosed, as required.

☐ This application is a:  
☐ Continuation / Divisional,  
☐ Continuation-in-Part,

of U.S.S.N. \_\_\_\_\_. Copies of the cited references are  
☐ enclosed; ☐ not enclosed. References are available in the parent application(s) if not enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required by this paper, or credit any overpayment, to Deposit Account Number 05-1712. A duplicate copy of this form is enclosed.

June 8 2004  
Date

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## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

2002B181B

SERIAL NO.

10/693,786

APPLICANT

Jin et al.

FILING DATE

October 24, 2003

GROUP

1755

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,670,043	06/13/72	Kubicek et al.	260	683 D	
	AB	4,343,935	08/10/82	Laidler et al.	542	414	
	AC	4,590,288	05/20/86	Klemann	556	112	
	AD	4,871,705	10/03/89	Hoel	502	117	
	AE	4,891,412	01/02/90	Kaschig	526	265	
	AF	4,954,592	09/04/90	Kaschig	526	265	
	AG	4,983,739	01/08/91	Kaschig	546	268	
	AH	5,393,903	02/28/95	Gratzel et al.	556	137	
	AI	5,679,816	10/21/97	Timmers et al.	556	53	
	AJ	5,714,425	02/03/98	Chabrand et al.	502	117	
	AK	5,770,755	06/23/98	Schertyl Peter, et al	556	43	
	AL	6,103,946	08/15/00	Brookhart, III et al.	585	523	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	EP 0 496 193	29/07/92	EUROPE	C08F	30/04		
	AN	EP 0 426 646	30/08/91	EUROPE	C08F	10/00		
	AO	CN 1306012 A	01/08/01	CHINA	C08F	10/00	X	

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

	AP	Liu et al., "Polymer-Incorporated Icon Catalysts for Ethylene Polymerization - A New Approach to Immobilize Iron Olefin Catalysts on Polystyrene Chains," <i>New J. Chem.</i> , Vol. 26, pp.1485-1489, (2002).
	AQ	Wang, Jia-Xi, et al., "Studies on the polystyrene - supported metallocene catalysts" <i>Gaofenzi Cailiao Kexue Yu Gongcheng</i> (2000), 16(2), 51-54

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant

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	2002B181B	10/693,786
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,133,387	10/17/00	Xu et al.	526	172	
	AB	6,150,482	11/21/00	Brookhart et al.	526	161	
	AC	6,150,544	11/21/00	Seki et al.	556	27	
	AD	6,352,953	03/5/02	Seki et al.	502	103	
	AE	6,365,690	04/02/02	Lenges	526	172	
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS		
	AG	CN 1,257,875 A	06/28/00	CHINA	C08F	4/642		X
	AH	CN 1,294,137 A	05/09/01	CHINA	C08F	4/642		X
	AI	CN 1,306,012 A	08/01/01	CHINA	C08F	10/00	X	
	AJ	CN 1,306,013 A	08/01/01	CHINA	C08F	10/00		X
	AK	CN 1,328,879 A	01/02/02	CHINA	B01J	31/22	X	
	AL	CN 1,352,204 A	06/10/01	CHINA	C08F	10/00	X	
	AM	CN 1,371,923 A	10/02/02	CHINA	C08F	10/02		X
	AN							
	AO							

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

AP	Jin Guoxin, et al., "Non-metallocene" olefin polymerization catalyst, Chinese Journal of Applied Chemistry, Vol. 16, No. 1, Feb. 1999
AQ	Shen Haoyu, et al., New Type Late Transition Metal Catalysts for Olefin Polymerization - Nickel-based Olefin Polymerization Catalyst, Progress in Chemistry, January 2003, pp. 60-66

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant